Luc Patiny will present the web browser based storing and processing of chemical information. The chemical information service is collaborating with the research groups in ISIC and develop a web based analysis software for the storage of NMR, HPLC and MS spectra and directly retrieve the data from any web-browser. The development of a worldwide shared database allowing to store any kind of information about chemicals is a prioritary goal. Many innovative tools allowing to visualize and to analyse the data are being developed in this goal. The automatic analysis of spectra as well as the prediction of physical characteristics are one of our major research topic. The Chemical Information Service of EPFL funded the webpages like www.nmrdb.org or www.chemcalc.org that receive several thousand visitors per day and e.g. contain one of the most complete database for MS spectra.

Publications:

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Dr. Luc Patiny is the Director of Chemical Information Service at EPFL. He holds a PhD in organic chemistry and did postdoctoral research in the field of NMR spectroscopy. Since the past 13 years he is in charge of the chemical information service of ISIC at EPFL.
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